Thank you for attending the
Dengue and Urban Climate Symposium!

Organizing Committee

Dr. Kozo Watanabe
Thaddeus Carvajal
Jean Claude Balingit

EHIME UNIVERSITY
Department of Civil and Environmental Engineering, Faculty of Engineering
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Visit the following website for more information.

https://www.facebook.com/dengueurbanclimate/

愛媛大学 EHIME UNIVERSITY
JSPS 日本学術振興会

DENGUE & URBAN CLIMATE

Thursday, July 7, 2016, 8:00 AM – 5:00 PM
5th Floor, Henry Sy Building,
De La Salle University, Taft Avenue, Manila

SYMPOSIUM SCHEDULE

7:30 – 8:00 Symposium Registration

8:00 – 8:45 Opening
Welcome Remarks
Dr. Raymond Girard R. Tan
Vice Chancellor for Research and Innovation

Inspirational Talk
Dr. Gerardo C. Janairo
Chancellor, De La Salle University

Ehime-DLSU Memorandum of Understanding Ceremony

8:45 – 8:55 **Dengue: the burden of disease in the Philippines**
Dr. Mary Jane C. Flores (De La Salle University – Manila)

8:55 – 9:05 **Linking Climate and Dengue**
Dr. Kozo Watanabe (Ehime University, JP)

MORNING SESSION **Moderator: Dr. Kozo Watanabe**

9:05 – 9:40 **Economics of Dengue Vector Control and Community Action**
Dr. Carol Beaver & Dr. Darrin Baines (Coventry University, UK)

9:40 – 10:05 **Molecular Epidemiological Study on Dengue in Tarlac, Philippines**
Dr. Mariko Saito (Tohoku University, JP)

10:05 – 10:30 **A Potent Ovitrap for *Aedes aegypti* and the Release of Predatory Water Bug, *Diplonychus rusticus* Fab. (Hemiptera: Belostomatidae), Against the Larvae of *Aedes aegypti* Lin. (Diptera: Culicidae)**
Dr. Pio Javier (University of the Philippines – Los Baños)

10:30 – 10:45 **BREAK**

10:45 – 11:10 **Dengue Vector Control: Biologically-based Approach**
Dr. Divina Amalin (De La Salle University – Manila)

11:10 – 11:35 **Spatial Genetic Analysis of *Aedes aegypti* in Metropolitan Manila**
Mr. Thaddeus Carvajal (Ehime University, JP)

11:35 – 11:50 **Automatic Counter of Adult Mosquitoes for Entomologic Surveillance**
Dr. Stanley Tan (De La Salle University – Manila)

11:50 – 12:05 **A Framework for Epidemic Intelligence with Dengue as a Case Study"**
Mr. Robert Leong (De La Salle University – Manila)

12:05 – 1:35 **LUNCH BREAK**

AFTERNOON SESSION **Moderator: Dr. Albert Barrion**

1:35 – 2:00 **Impact of Land Use Change on Urban Cloud Properties: Intensive Monitoring Network and Numerical Simulation**
Dr. Ryo Mortwaki (Ehime University, JP)

2:00 – 2:25 **Air and Weather Observation System (AWOS) on the De La Salle Philippine Schools and Volunteer Schools for Sustainable Development**
Dr. Gil Nonato Santos (De La Salle University – Manila)

2:25 – 2:50 **Early Detection and Projection of Dengue Outbreak Using Geospatial Tools: The Case of Quezon City**
Mr. Ben Joseph Harder (University of the Philippines – Diliman)

2:50 – 3:05 **BREAK**

3:05 – 3:30 **Temperature Trends in Major Cities in the Philippines: Distinctive Impacts of Urbanization**
Dr. Marcelino Villafuerte (PAG-ASA – DOST)

3:30 – 3:55 **Atmospheric Remote Sensing Researches by E.A.R.T.H., DLSU**
Dr. Edgar Vallar (De La Salle University – Manila)

3:55 – 4:20 **Predicting Biodiversity of Aquatic Insects Under Changing Climates in Japan, and a Vision for Habitat Modeling of Dengue Vectors**
Dr. Kei Nukazawa (Miyazaki University, JP)

4:20 – 5:00 Symposium Closing
Dr. Maria Luisa Enriquez
Director, Center for Natural Sciences and Environmental Research (CENSER)

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